

FUSSION SERIES PARTS LIST

PWR 1800-S

PART#	DESCRIPTION	QTY	BOARD	PAGE NUMBER
21110230	WOOFER FS18-PWR1800S	1		
33090460	HANDLE CASE	4		
33090700	SPKR CABINET	1		
33900120	SIDE HANDLE BAR	4		
33920590	SIDE HANDLE GRIP	4		
33221400	PROTECTION GRILLE	1		
33951990	LBL LOGO FRONT	1		
33952650	LBL FUSSION BLUE	1		
43900240	CABINET FEET	4		

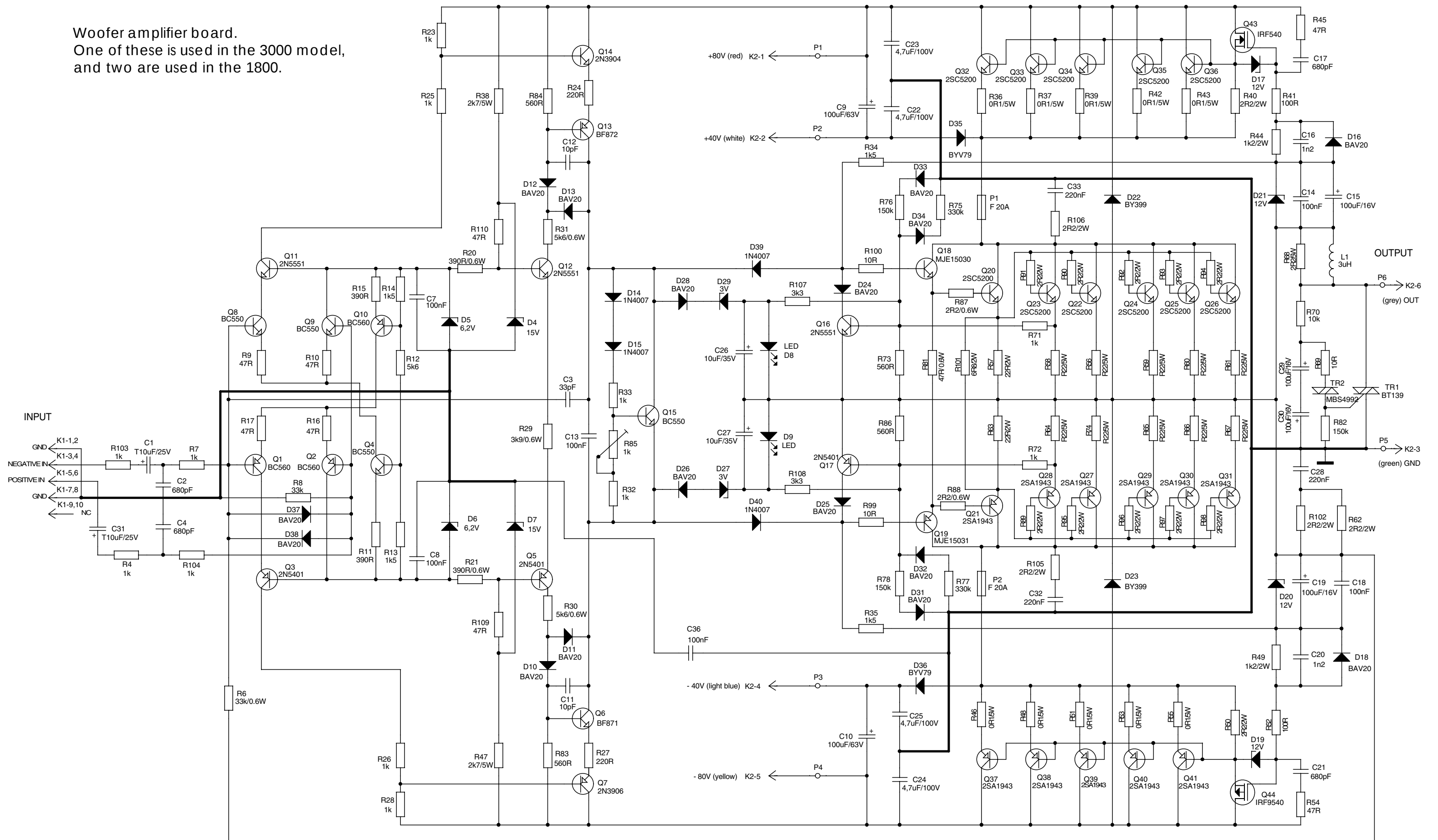
PWR 1800-SA

21110230	WOOFER FS18-PWR1800S	1		
23020480	PCB ASSY LED	1		
23103220	PCB PWR 1800-SA AMP 230V	1		
23103300	PCB PWR 1800-SA AMP 115V	1		
03528300	INPUT BOARD	1	MN 052 103	SEE PAGE 13
03528302	CAP BOARD FOR LF AMP	2	MN 051 401	SEE PAGE 11
03528303	SA XFMR 230V-115V	1		
03528312	1500 WATT AMPLIFIER CARD	2	MN 042 101	SEE PAGE 2-3
03528313	AC SOFT START INPUT BOARD	1	MN 052 105	SEE PAGE 14
33090460	HANDLE CASE	4		
33090740	SPKR CABINET	1		
33221400	PROTECTION GRILLE	1		
33900120	SIDE HANDLE BAR	4		
33920590	SIDE HANDLE GRIP	4		
33951530	LBL LOGO SPKR FRONT	1		
33952650	LBL FUSSION BLUE	1		
33961020	OWNER'S MANUAL	1		
43900240	CABINET FEET	4		
43900260	VENT PLASTIC GRILLE	4		

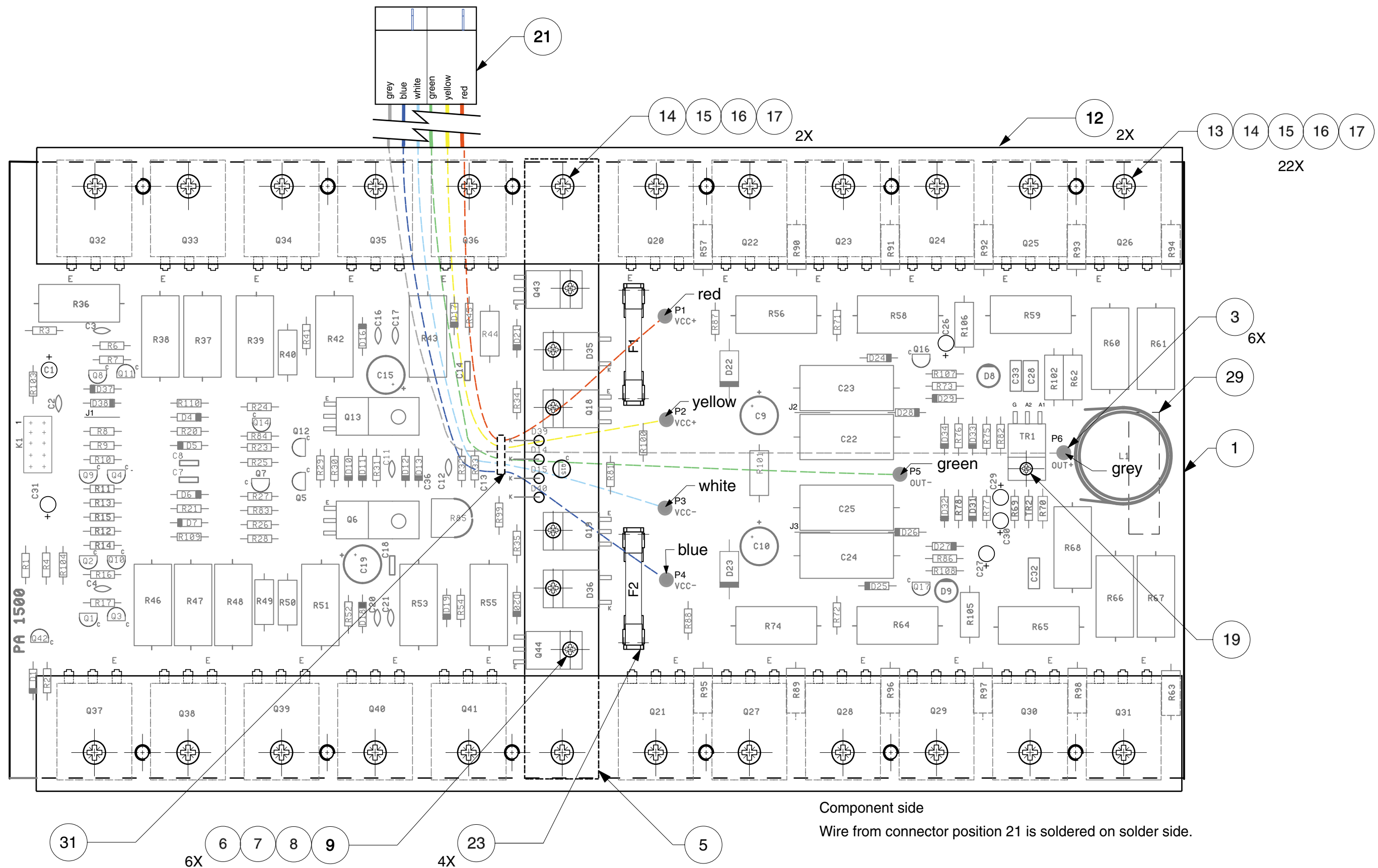
PWR 3000

21110240	WOOFER FS12W-PWR3000	1		
21110260	WOOFER FSTC8-PWR3000	1		
23020480	PCB ASSY LED	1		
23103160	PCB PWR 3000 AMPLIFIER 230 V	1		
23103300	PCB PWR 3000 AMPLIFIER 115 V	1		
03528304	300 WATT MR AMPLIFIER CARD	1	MN 042 109	SEE PAGE 4-5
03528305	100 WATT HF AMPLIFIER CARD	1	MN 042 110	SEE PAGE 6-7
03528306	CONTROL CARD	1	MN 044 501	SEE PAGE 8-9
03528307	INPUT BOARD	1	MN 052 102	SEE PAGE 13
03528308	CAP BOARD FOR LF AMP	1	MN 051 402	SEE PAGE 10
03528301	CAP BOARD FOR MF/HF AMP	1	MN 051 403	SEE PAGE 12
03528309	POWER SUPPLY 230V-115V	1		
03528310	300 WATT MR TRANSFORMER	1		
03528311	150 WATT HF TRANSFORMER	1		
03528312	1500 WATT AMPLIFIER CARD	1	MN 042 101	SEE PAGE 2-3
03528313	AC SOFT START INPUT BOARD	1	MN 052 106	SEE PAGE 14
25110230	TWEETER N850-PWR 1800	1		
31920430	HEATSINK PWR3000	1		
33090460	HANDLE CASE	4		
33090760	SPKR CABINET	1		
33951530	LBL LOGO SPKR FRONT	1		
33952650	LBL FUSSION BLUE	1		
33141040	HORN H6000	1		
33221390	PROTECTION GRILLE	1		
33900120	SIDE HANDLE BAR	4		
33920590	SIDE HANDLE GRIP	4		
33961000	OWNER'S MANUAL	1		
43900170	HORN ME90	1		
43900240	CABINET FEET	4		
43900260	VENT PLASTIC GRILLE	4		

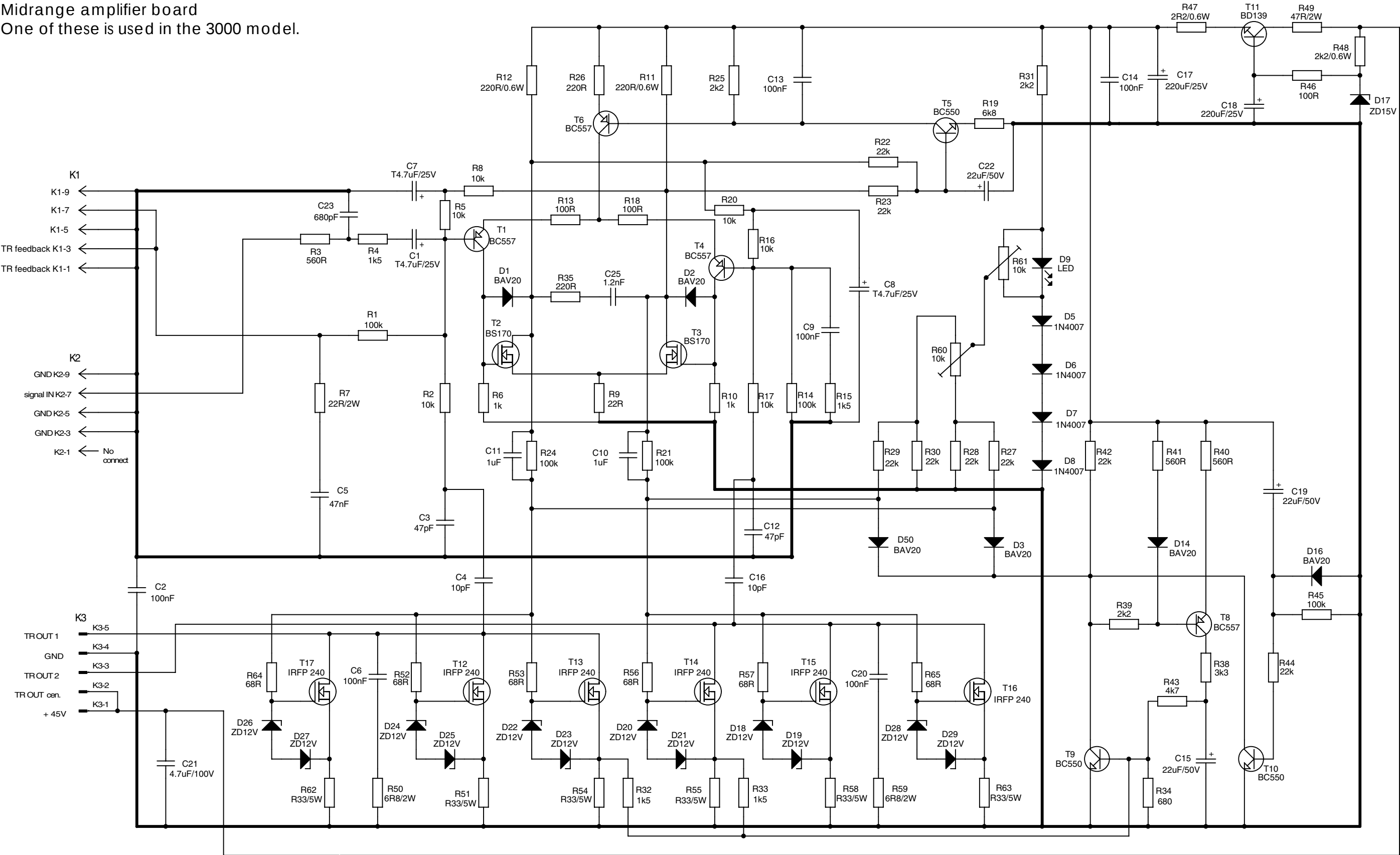
Woofer amplifier board.
One of these is used in the 3000 model,
and two are used in the 1800.



Amplifier MN 042 101 Rev 02 26.4.2000

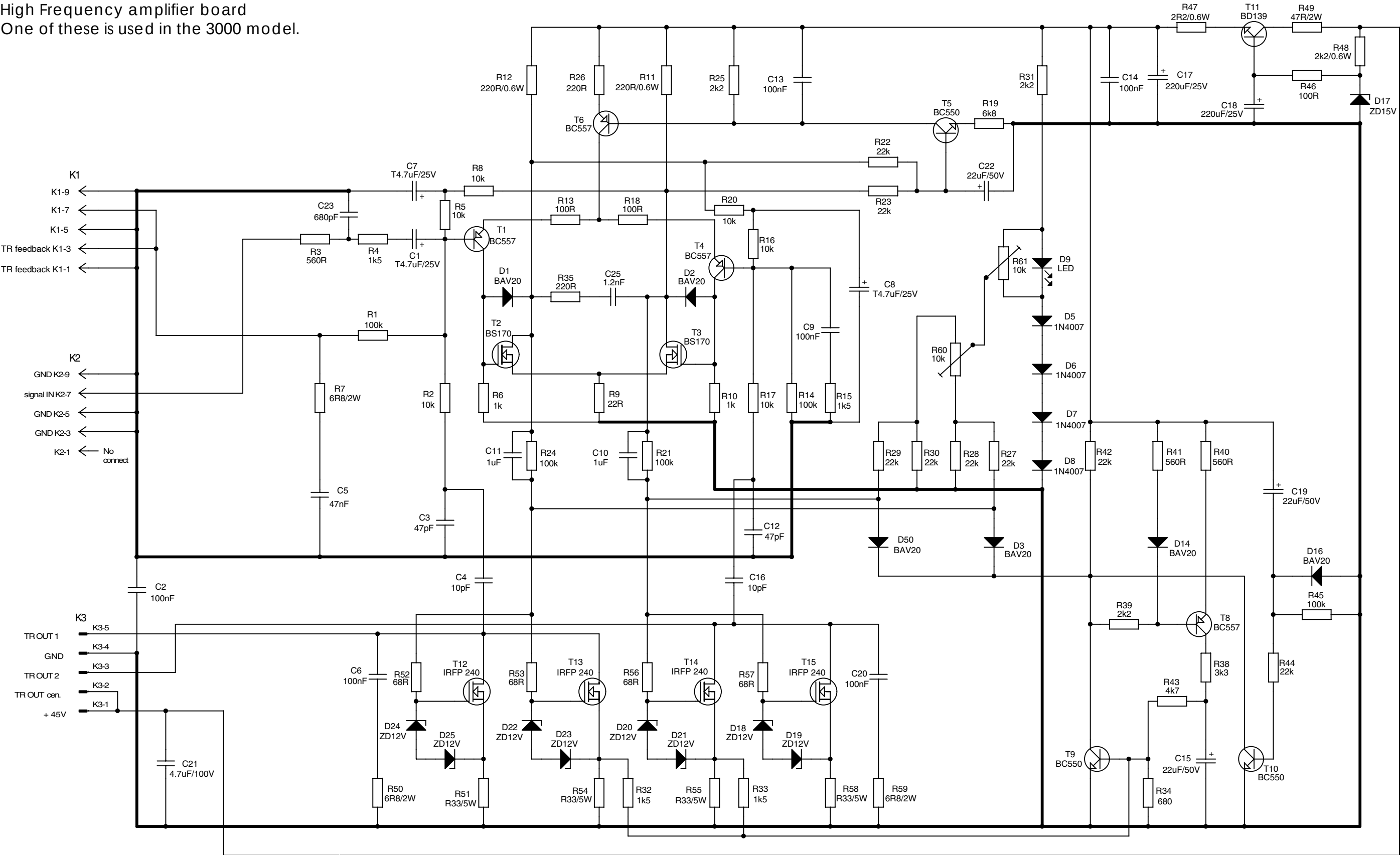


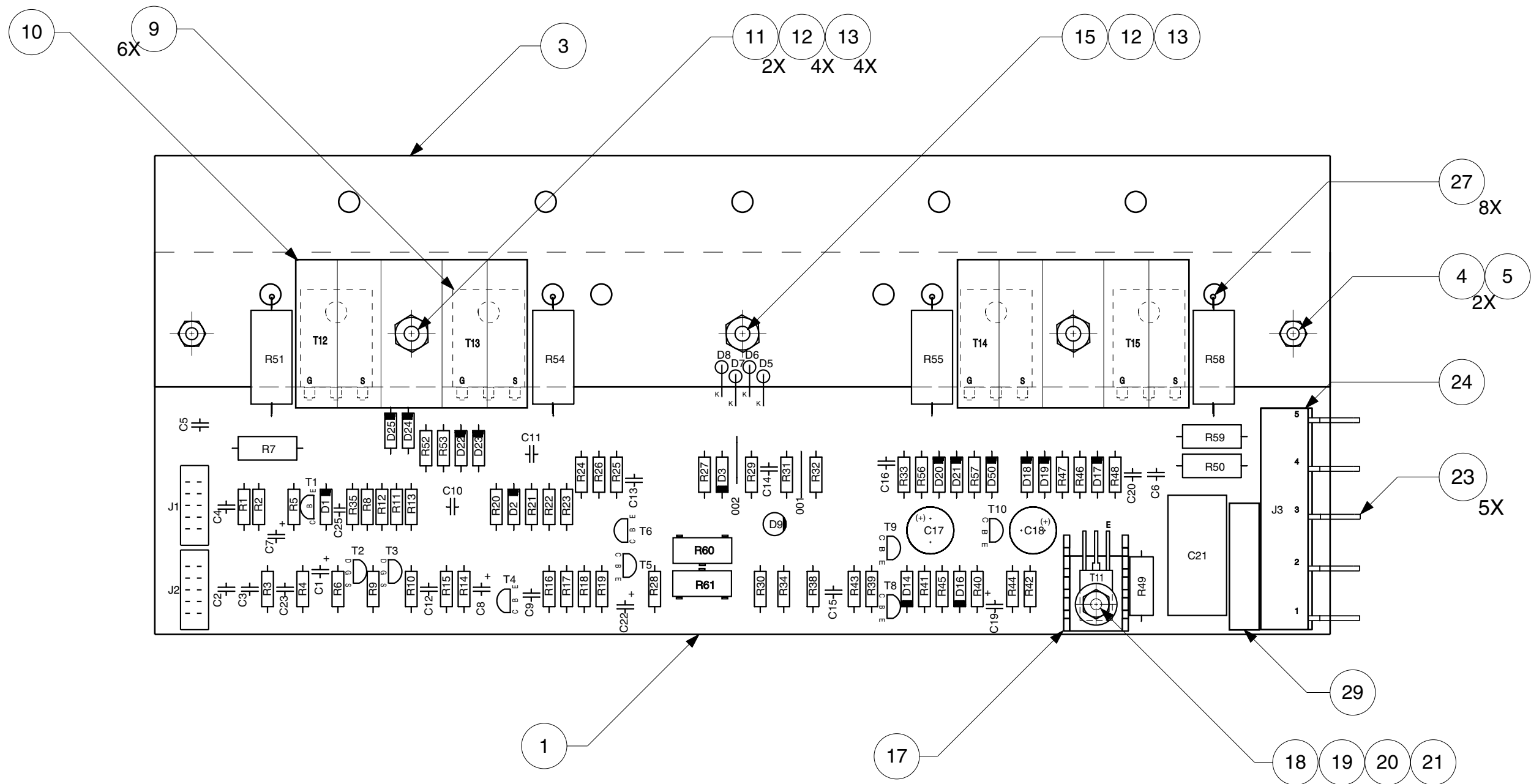
Midrange amplifier board
One of these is used in the 3000 model.



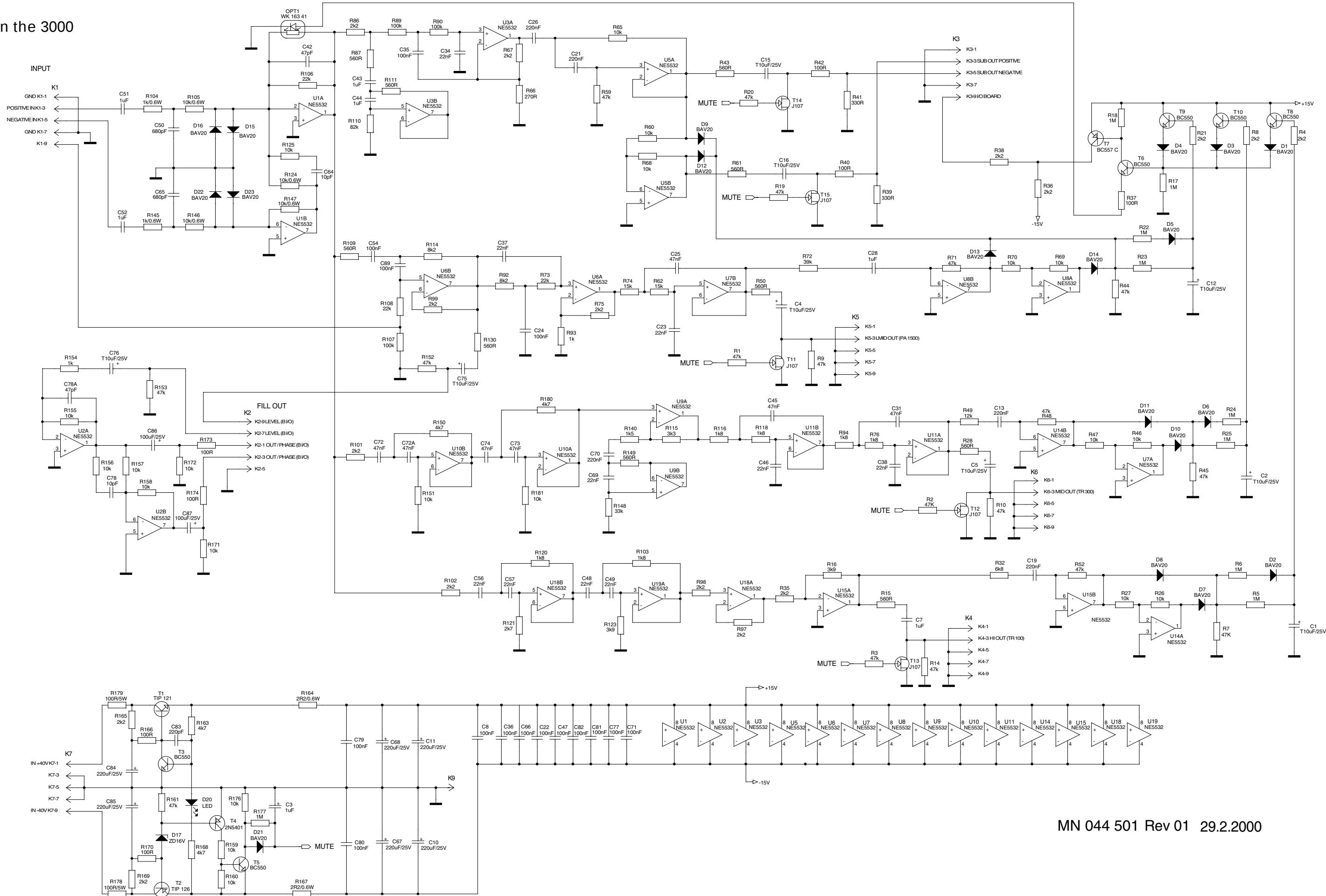


High Frequency amplifier board
One of these is used in the 3000 model.

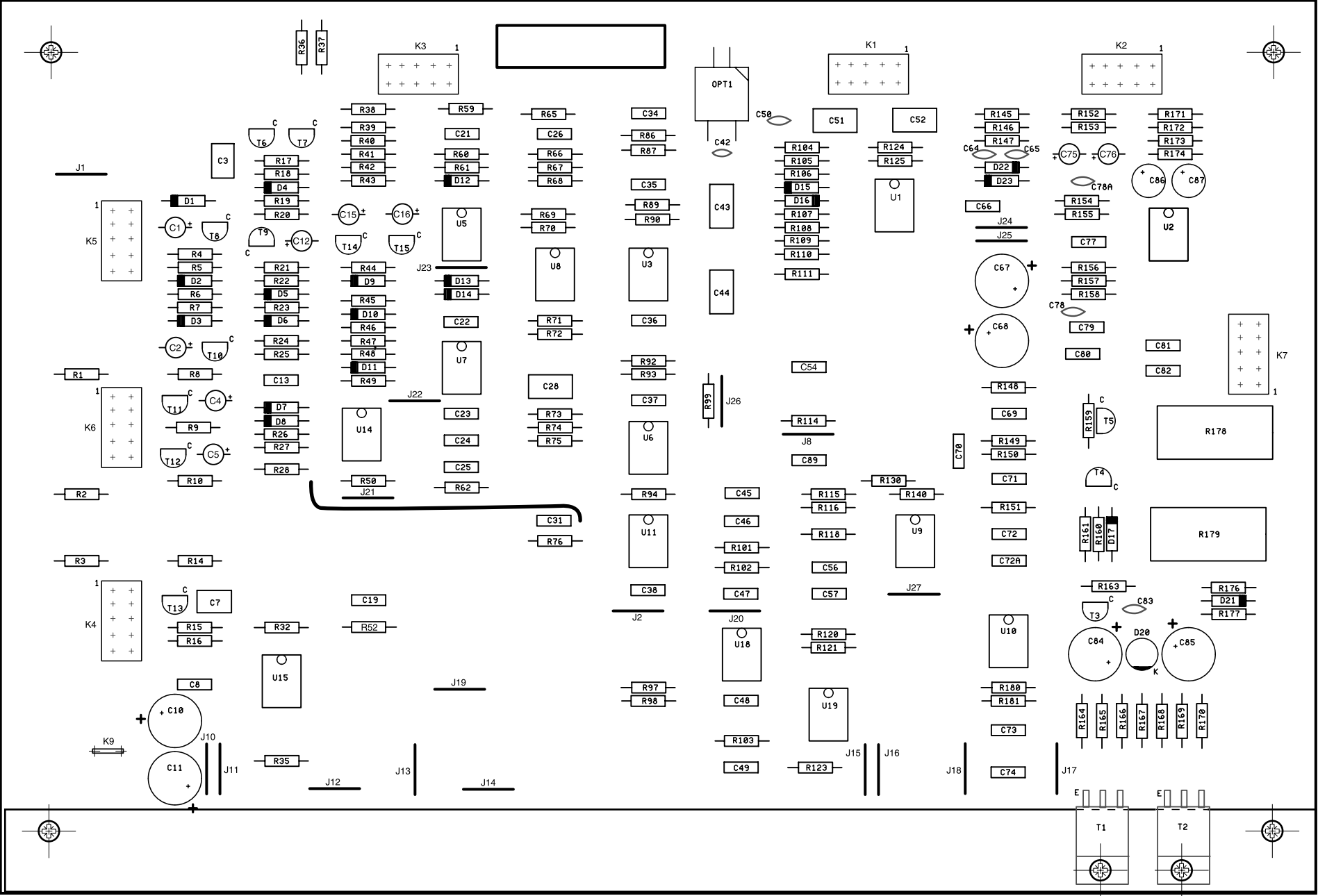




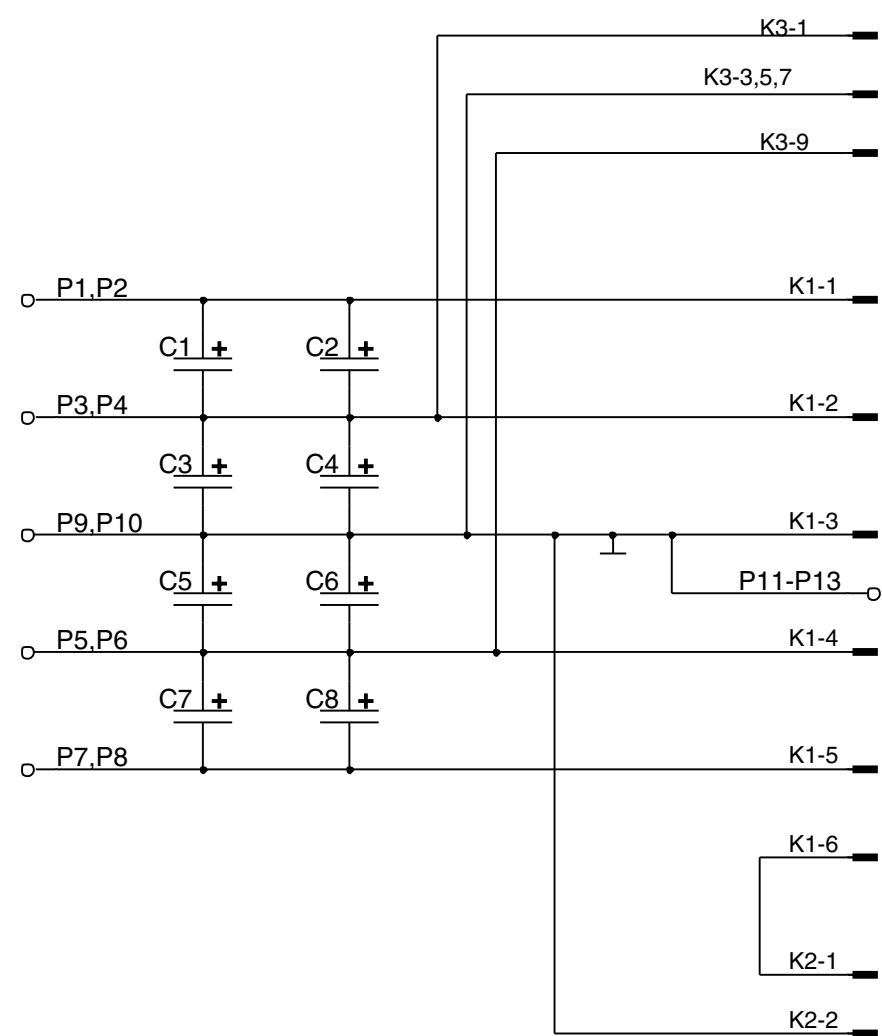
Control board
One of these is used in the 3000



MN 044 501 Rev 01 29.2.2000

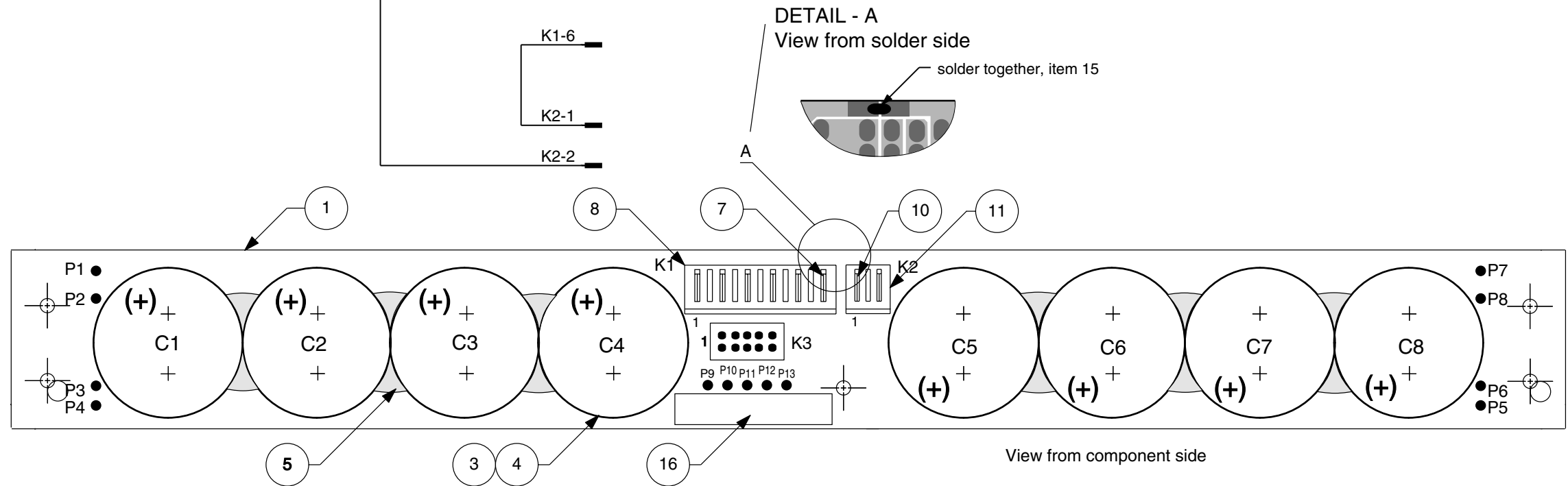


Capacitor board
One of these is used in the 3000 model.

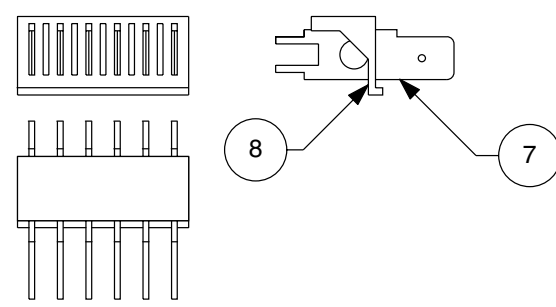


ITEM	QTY	UNIT	DESCRIPTION	RM	NO.
1	1	ks	PCB	ZD 1500	MB 049 002
2					
3	8	ks	C1 - C8 capacitor electolytic 10mF/50V	size 30x45	10
4	0,006	kg	silicon glue	LOCTITE	
5	0,27	m	polyethylen glue		
6					
7	6	ks	K1 - faston blade to PCB male 6,3 x 0,8	CT 100	ENIKA 5,08
8	1	ks	case		
9					
10	2	ks	K2 - faston blade to PCB male 6,3 x 0,8	CT 100	ENIKA 5,08
11	1	ks	case		
12	1	ks	K3 - connector 10 pins (2x5pins)		
13					
14					
15	0,02	kg	solder		
16	1	ks	serial number plate		

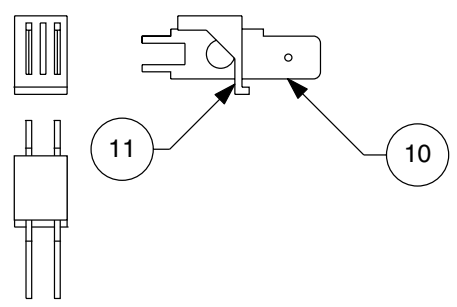
NOTE:
1. Capacitors C1-C8: before placing on board spread by item 4. After soldering, glue together all capacitors with item 5.
2. Assembling conectors K1 and K2: see below.
3. Connect K1/3 to K2/2 by solder, item 15 see detail A.
4. Write serial number on item 16.



Assembly of connector K1

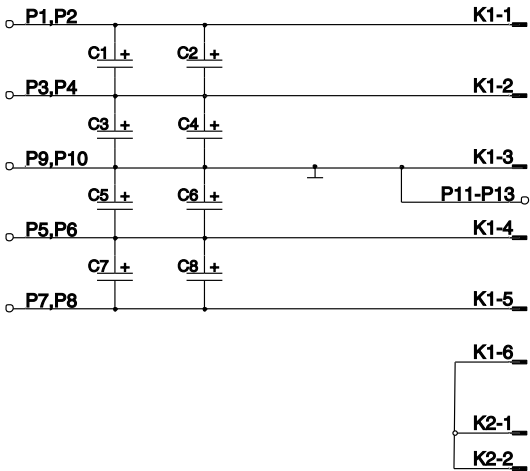


Assembly of connector K2

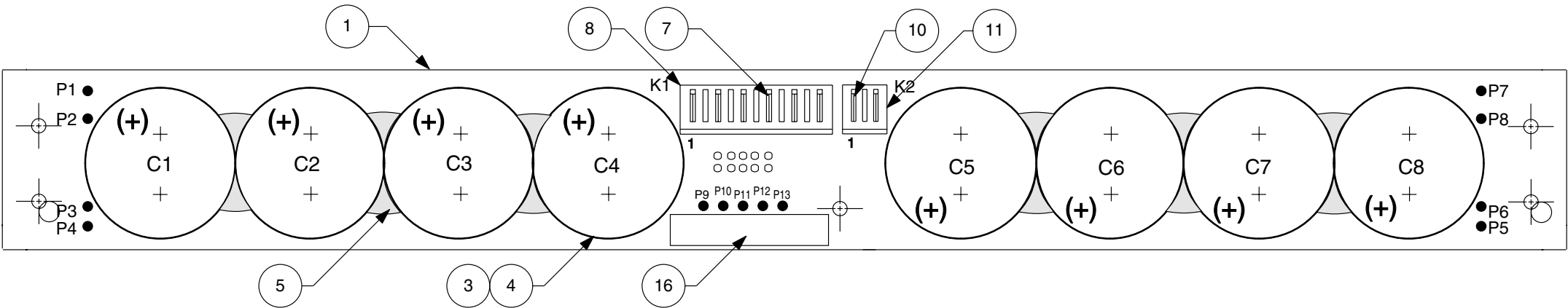


Board ZD 1500B
MN 051 402 Rev 03 8.3.2000

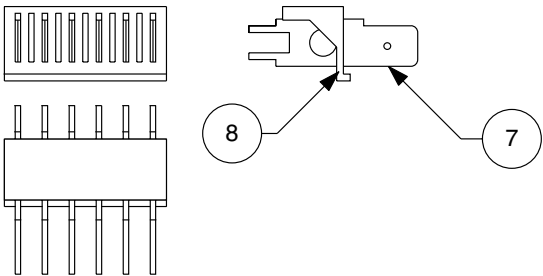
Capacitor board
Two of these are used in the 1800 model.



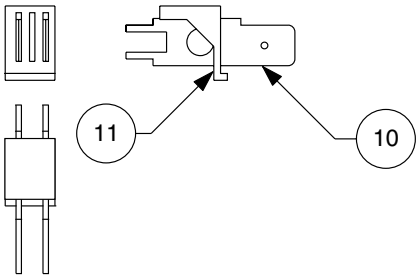
ITEM	QTY	UNIT	DESCRIPTION	RM	NO.
1	1	pc	PCB	ZD 1500	MB 049 002
2					
3	8	pc	C1 - C8 capacitor electrolytic	10mF/50V	size 30x45
4	0,006	kg	silicon glue		LOCTITE
5	0,27	m	polyethylen glue		
6					
7	6	pc	K1 - faston blade to PCB male 6,3 x 0,8 CT 100	ENIKA	5,08
8	1	pc	case		
9					
10	2	pc	K2 - faston blade to PCB male 6,3 x 0,8 CT 100	ENIKA	5,08
11	1	pc	case		
12					
13					
14					
15	0,02	kg	solder		
16	1	pc	serial number plate		
NOTE: 1. Capacitors C1-C8: before placing on board spread by item 5. After soldering, glue together all capacitors, item 4. 2. Assembling conectors K1 and K2: see below. 3. Connect K2/1 to K2/2 by solder, item 15. 4. Write serial number on item 16.					

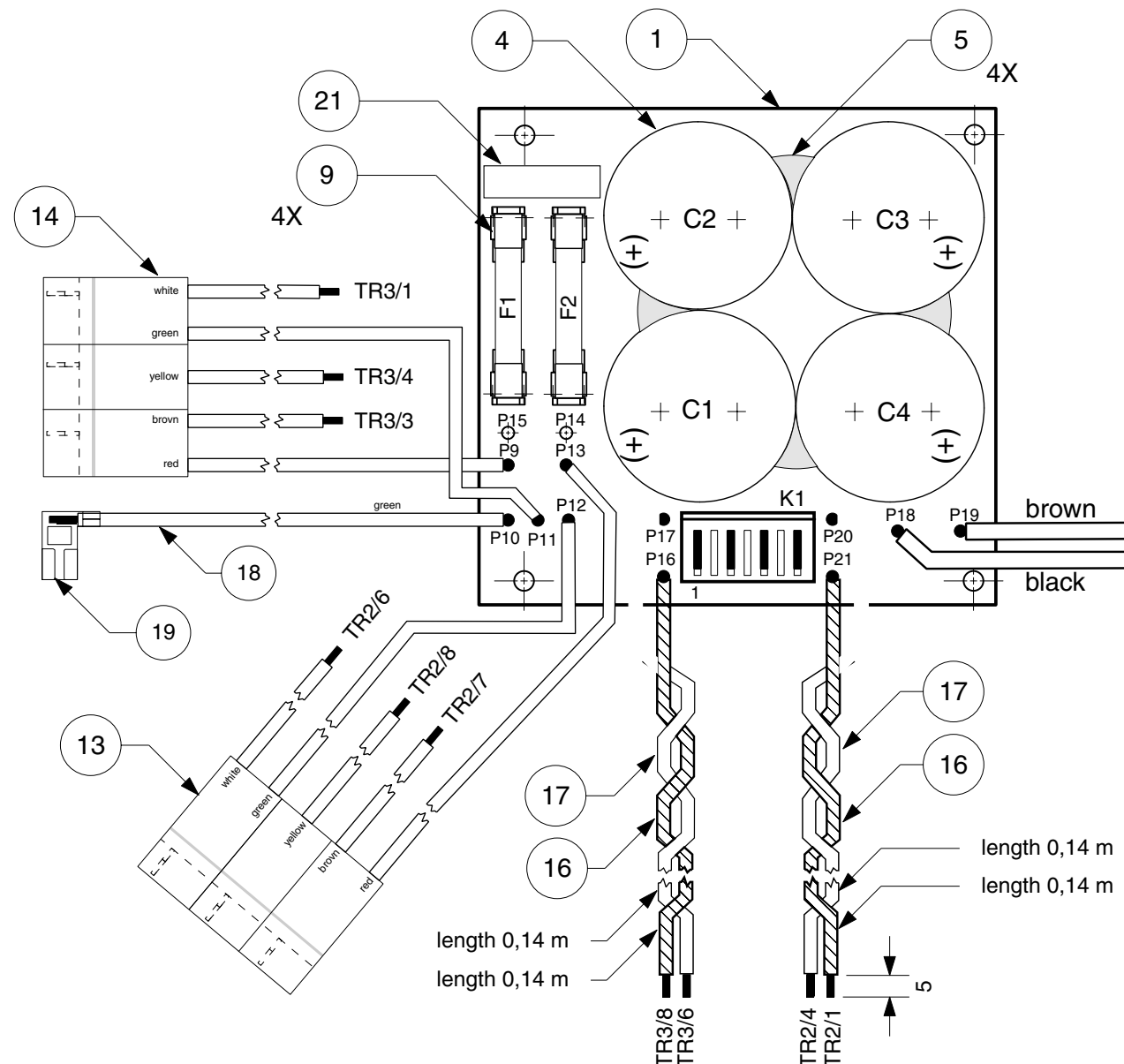
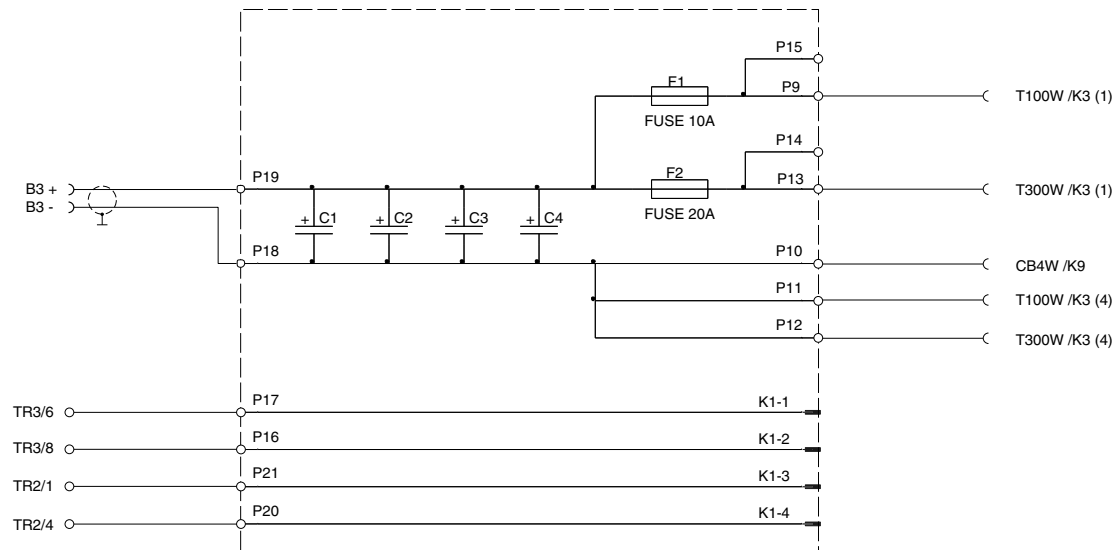


Assembly of connector K1



Assembly of connector K2



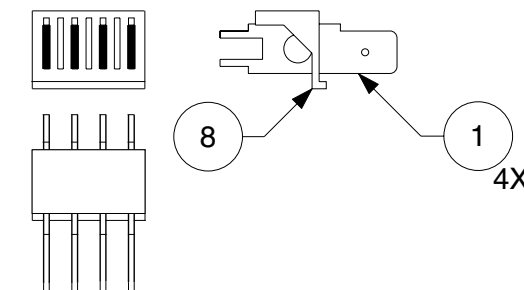


ITEM	QTY	UNIT	DESCRIPTION	RM	TESLA NO.
1	1	pc	PCB	ZD FET	MB 049 001
2					
3	4	pc	C1 - C4 capacitor electrolytic 10mF/50V size 30x45	10	
4	0,003	kg	silicone glue	LOCTITE	
5	0,2	m	polyethylen glue		
6					
7	4	pc	K1 - faston blade to PCB male 6,3 x 0,8 CT 100	ENIKA 5,08	
8	1	pc	case		MA 251 402
9	4	pc	holder fuse to PCB CT 136	ENIKA 5,08	
10	1	pc	F1 - fuse 10A F size 6,3 x 32		
11	1	pc	F2 - fuse 20A F size 6,3 x 32		
12					
13	1	pc	Cable I. for ZD FET		MK 650 102
14	1	pc	Cable II. for ZD FET		MK 650 103
15	1	pc	Cable III. for ZD FET		MK 650 104
16	0,28	m	stranded wire CYA 1,5 yellow		
17	0,28	m	stranded wire CYA 1,5 white		
18	0,425	m	stranded wire CYA 1,5 green		
19	1	pc	connector faston female flag 6,3x0,8 90° FTM 6,3L	ENIKA	
20	0,02	kg	solder		
21	1	pc	serial number plate		0

NOTE:

- Capacitors C1-C4: before placing on board, spread by item 4. After soldering, glue together all capacitors using item 5.
- Assembling connectors K1: see below.
- Write serial number on item 21.

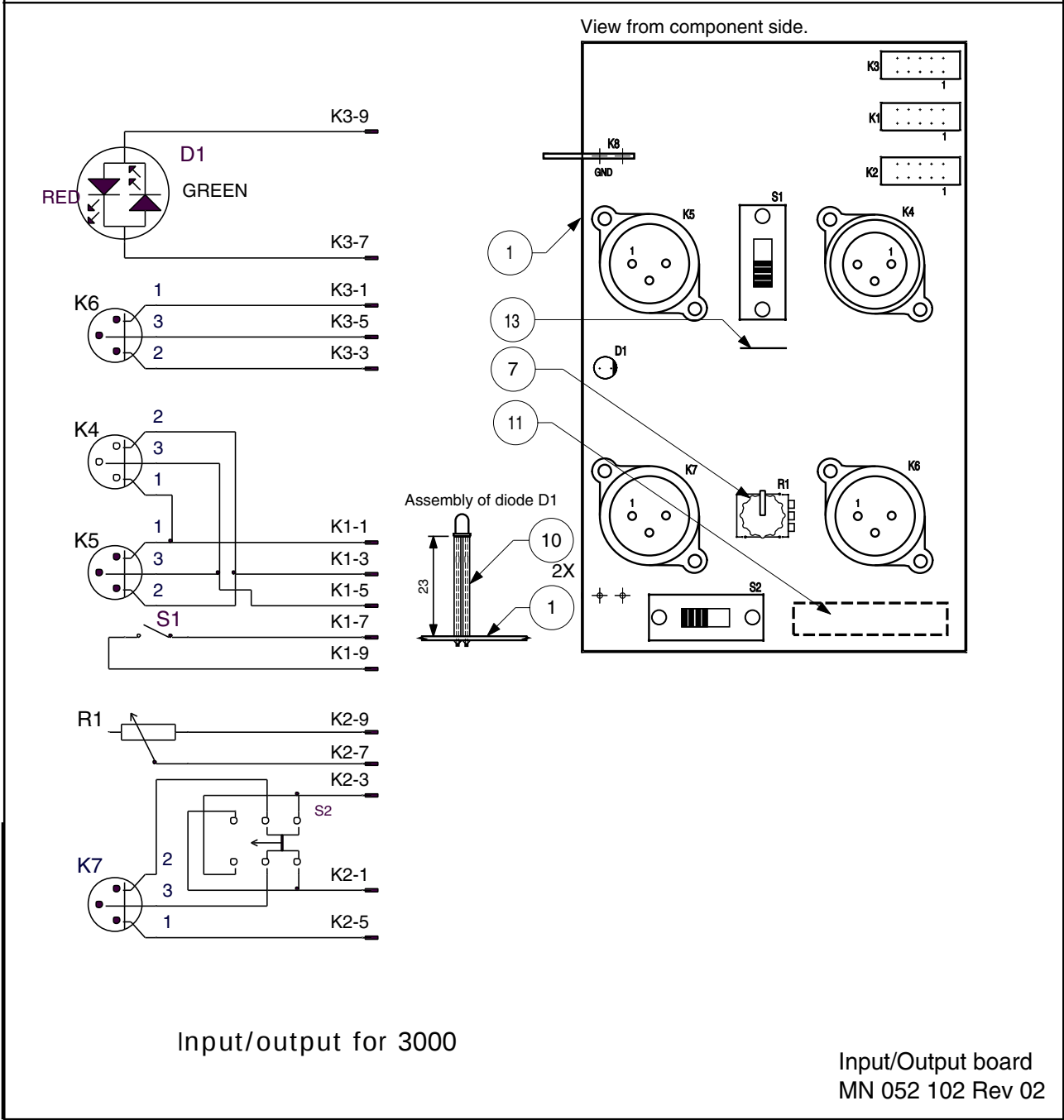
Assembly of connector K1



ITEM	QTY	UNIT	DESCRIPTION	RM	NO.
1	1	pc	PCB		MB 049 202
2	3	pc	K1 - K3 connector 10 pins (2 x 5 pins)		
3	1	pc	K4 - connector XLR	NC3FAV20	NEUTRIK
4	3	pc	K5 - K7 connector XLR	NC3MAV2	NEUTRIK
5	1	pc	K8 - faston blade for PCB male 6,3 x 0,8 90°	CT 103	ENIKA 5,08
6	1	pc	R1 - potentiometer 9mm shaft 25mm 50k/N	D8c503	ALPS
7	1	pc	knob dark grey	760-048-04	MACKIE
8	1	pc	D1 - diode LED dual led (red/green) 3mm	L-937EGW	
9	2	pc	S1, S2 - switch slide DPDT mini	SLSW2P2T	
10	0,046	m	izol. tube silicone	1x1 black	
11	1	pc	serial number plate		
12	0,008	kg	solder wire		
13	0,012	m	wire	Cu Sn 0,63	10,16

NOTE:

1. Write serial number on item 6. Serial number location is on the solder side.
2. Soldering component to board have to be after set all component on panels PWR 3000 (MF 149 001 or MF 149 003).

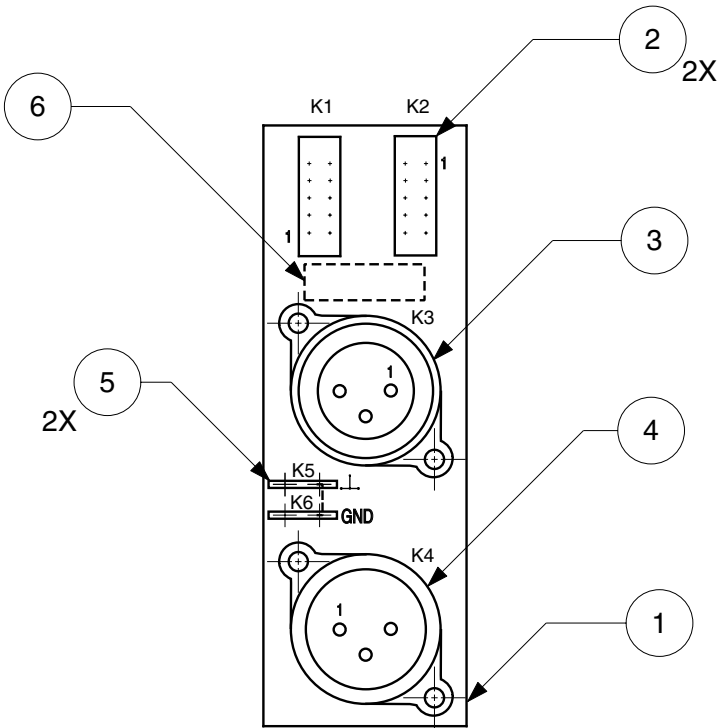


ITEM	QTY	UNIT	DESCRIPTION	RM	NO.
1	1	pc	PCB		MB 049 203
2	2	pc	K1, K2 - connector 10 pins (2 x5 pins)		
3	1	pc	K3 - connector XLR	NC3FAV20	NEUTRIK
4	1	pc	K4 - connector XLR	NC3MAV2	NEUTRIK
5	2	pc	K5, K6 - faston blade for PCB male 6,3 x 0,8	CC342	ENIKA 5,08
6	1	pc	serial number plate		
7					
8		g	solder wire		
9	0,01	m	wire	Cu Sn 0,63	
10					

NOTE:

1. Write serial number on item 6, the location is on the solder side.
2. Solder components to board after setting all component on panels PWR 1800 (MF 149 002 or MF 149 004).
3. Connect K5 to K6 by item 9 from soldering side.

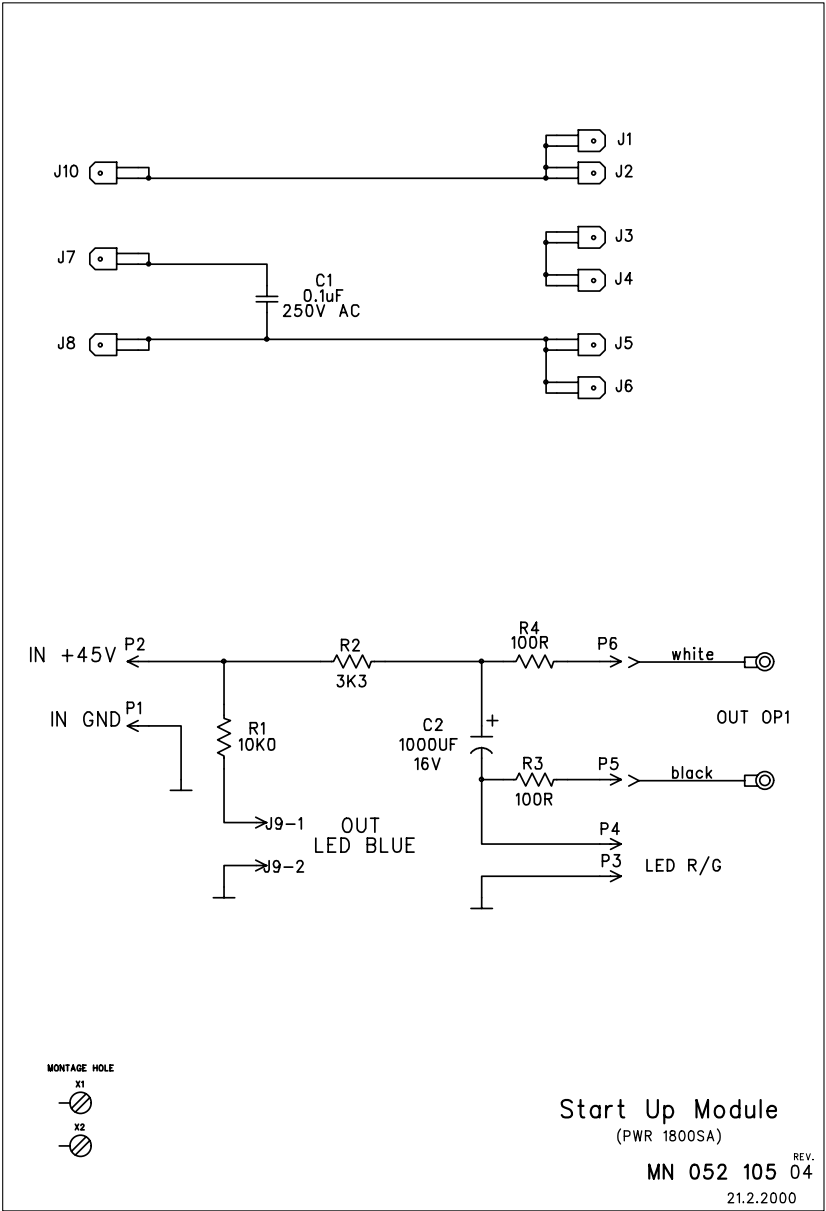
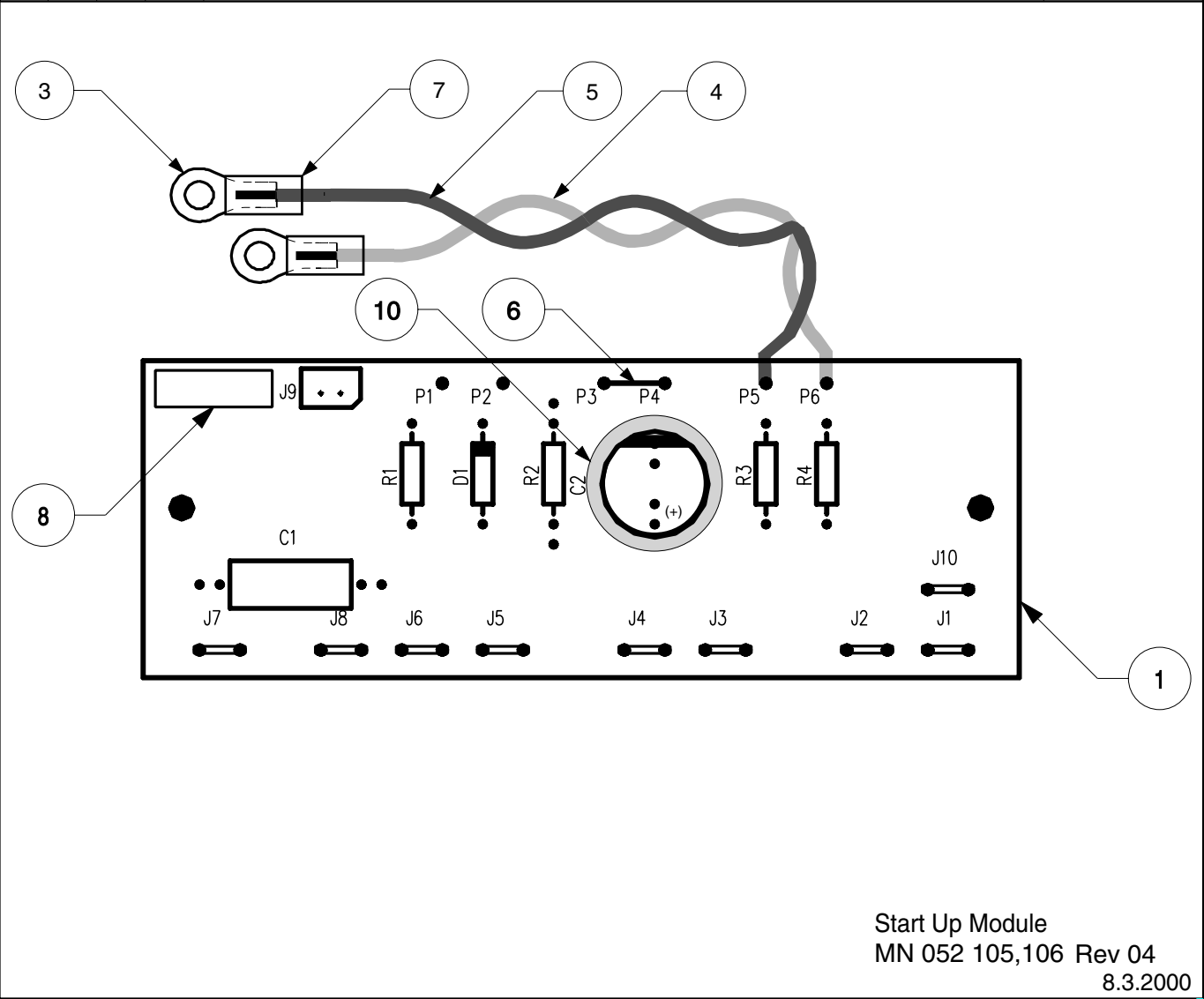
View from component side.



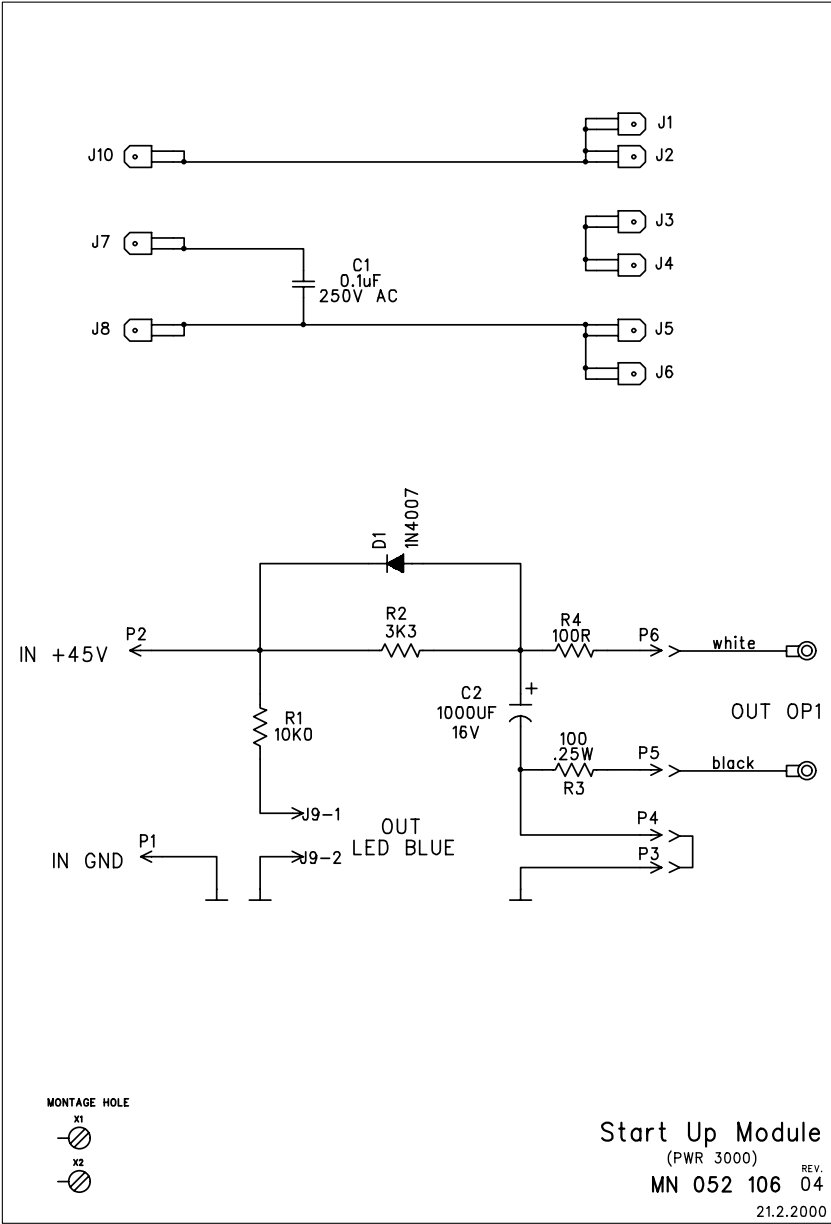
15.17.1999

ITEM	QTY	QTY	UNIT	DESCRIPTION	RM	TESLA NO.
1	1	1	pc	PCB	Start Up Module	MB 049 010
2						
3	2	2	pc	eyelet	4x1,5 7610-03/4	
4	0,09	0,09	m	stranded wire	LaU 0,15 white	
5	0,12	0,12	m	stranded wire	LaU 0,15 black	
6	-	0,1	g	coupler tin coated copper wire	0,63 x 15 mm	6,35
7	0,03	0,03	m	izol. tube	SD 48F black	
8	1	1	pc	serial number plate		
9	0,2	0,2	g	solder		
10	0,01	0,01	m	polyethylen glue		
	1	1	pc	R1 - resistor carbon film 10K/J 0,25W size 0207	12,7	
	1	1	pc	R2 - resistor metal film 3K3/J 0,6W size 0207	12,7	
	2	2	pc	R3, R4 resistor carbon film 100R/J 0,25W size 0207	12,7	
	1	1	pc	C1 - capacitor film 100nF 250V AC CFAC100N GM	15,24	
	1	1	pc	C2 - capacitor electrolytic 1000uF 16V size 10 x 16	5,08	
	-	1	pc	D1 - diode 1000V/1A 1N4007	12,7	
	8	8	pc	J1 - J8 faston blade to PCB male 6,3 x 0,8 CC342 ENIKA	5,08	
	1	1	pc	J9 - connector HDR 2P.098 X1		
	1	1	pc	J10 faston blade to PCB male 6,3 x 0,8 CC342 ENIKA	5,08	

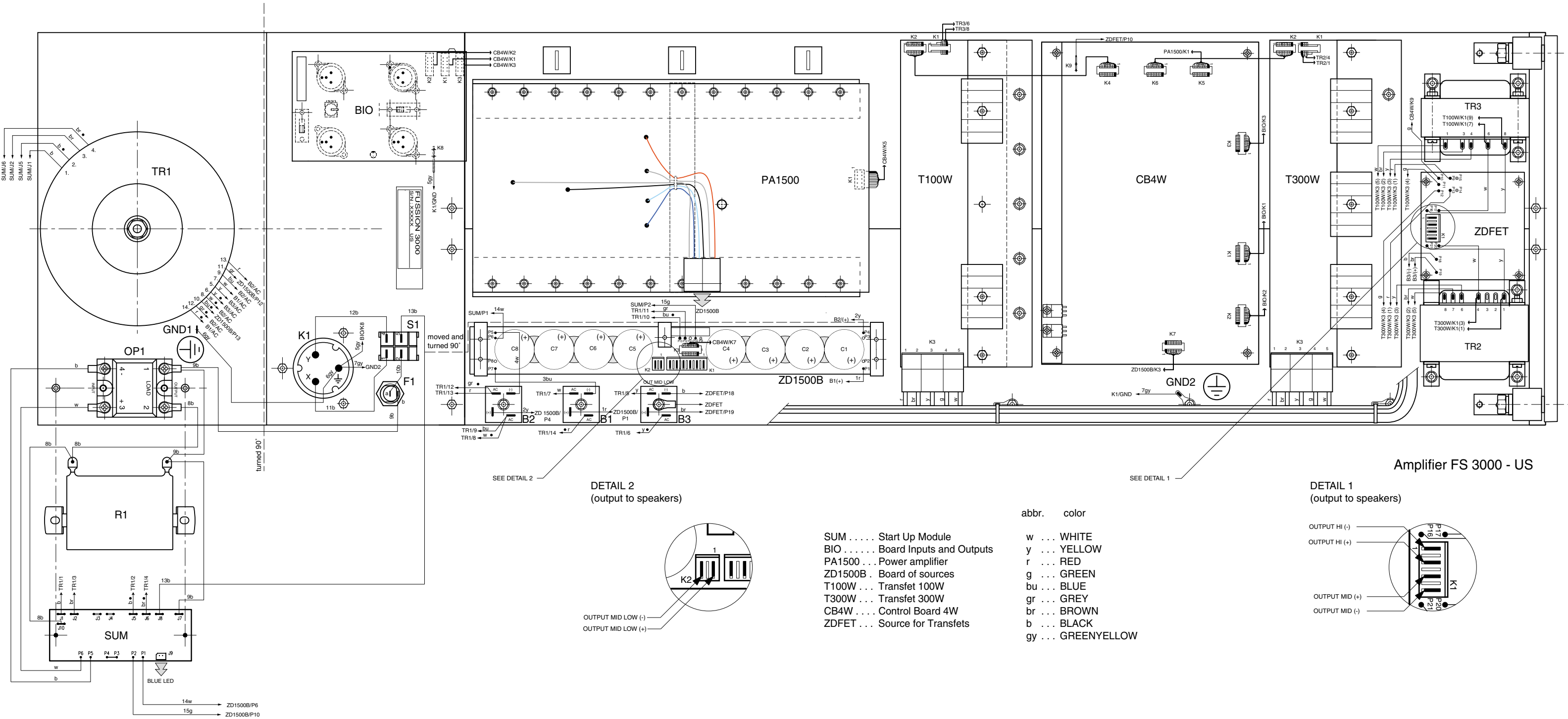
	MN 052 105	MN 052 106		NOTE: 1. the ends Items 4 and 5: strip the wires 5mm, solder 2. wires turns (6 turns) 3. Fix the capacitor C1 and C2 by item 10.	
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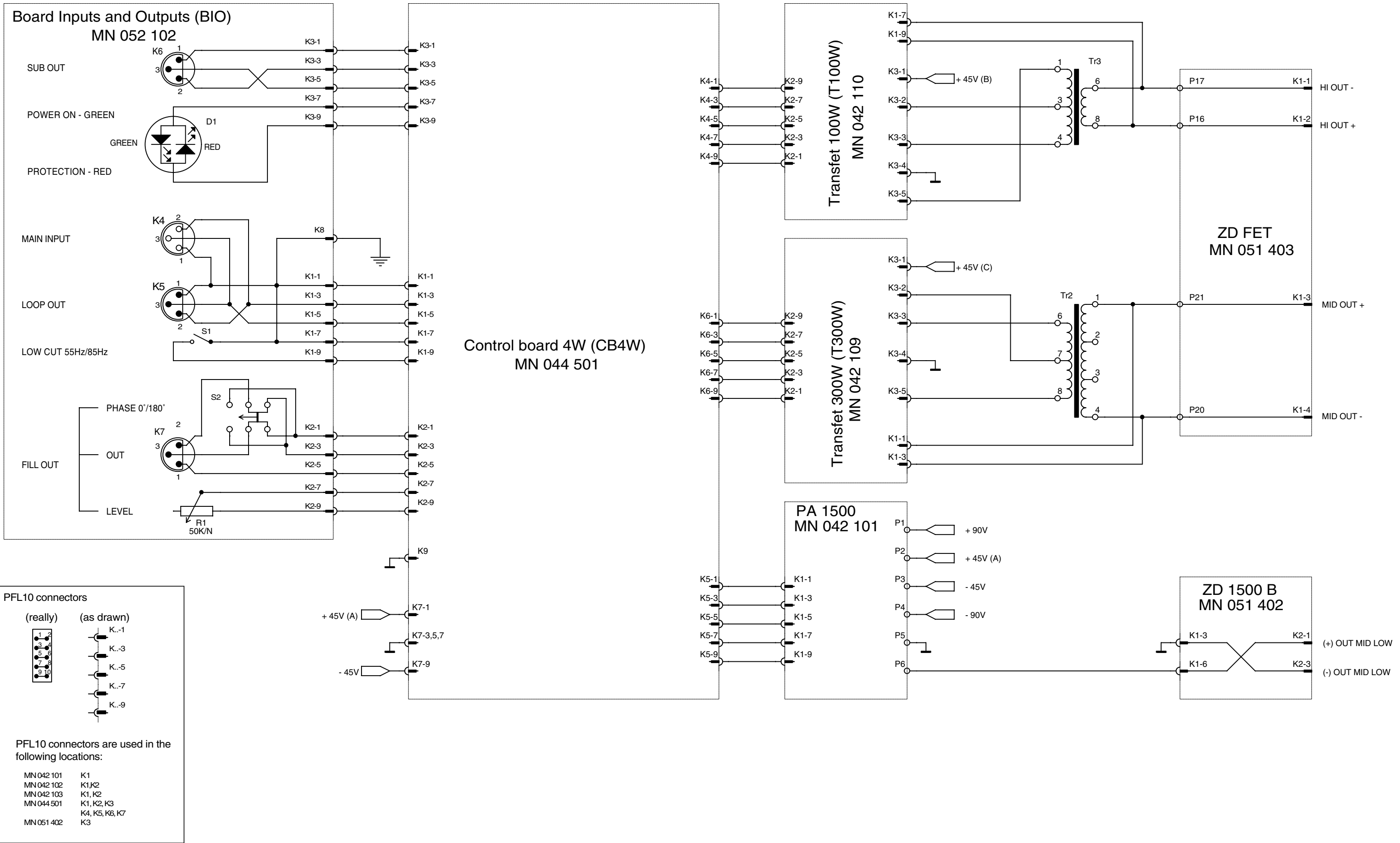


One of these is used in the 1800 model.



One of these is used in the 3000 model.

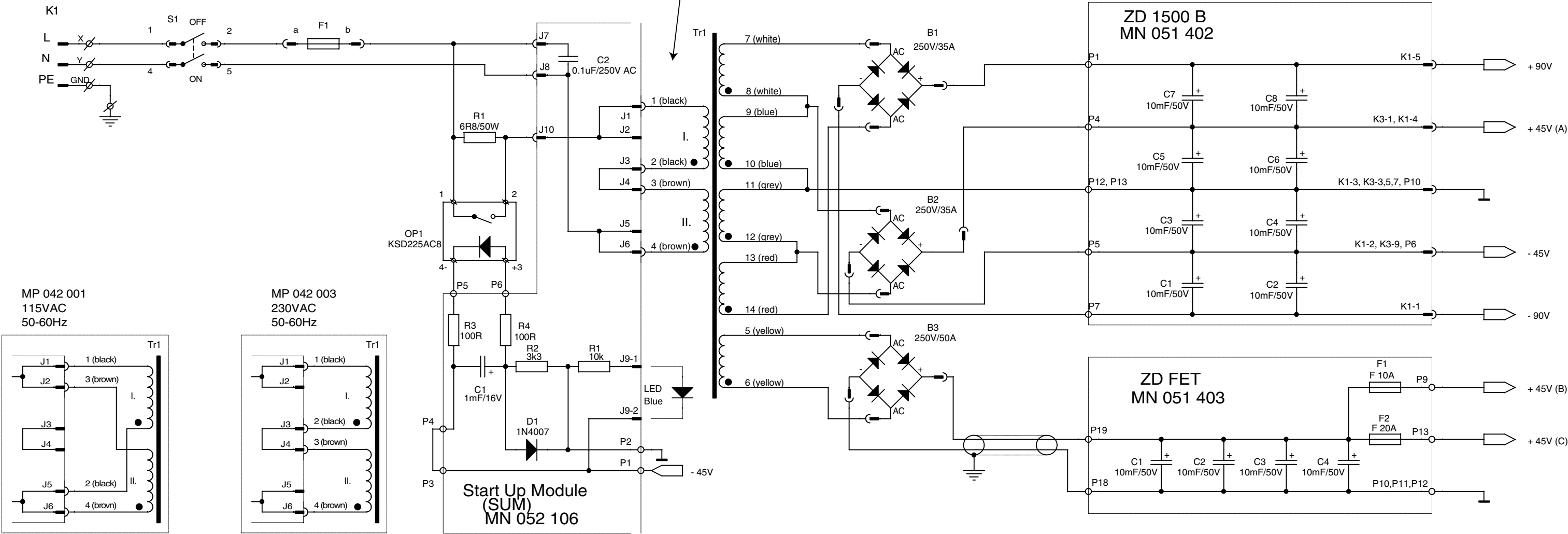


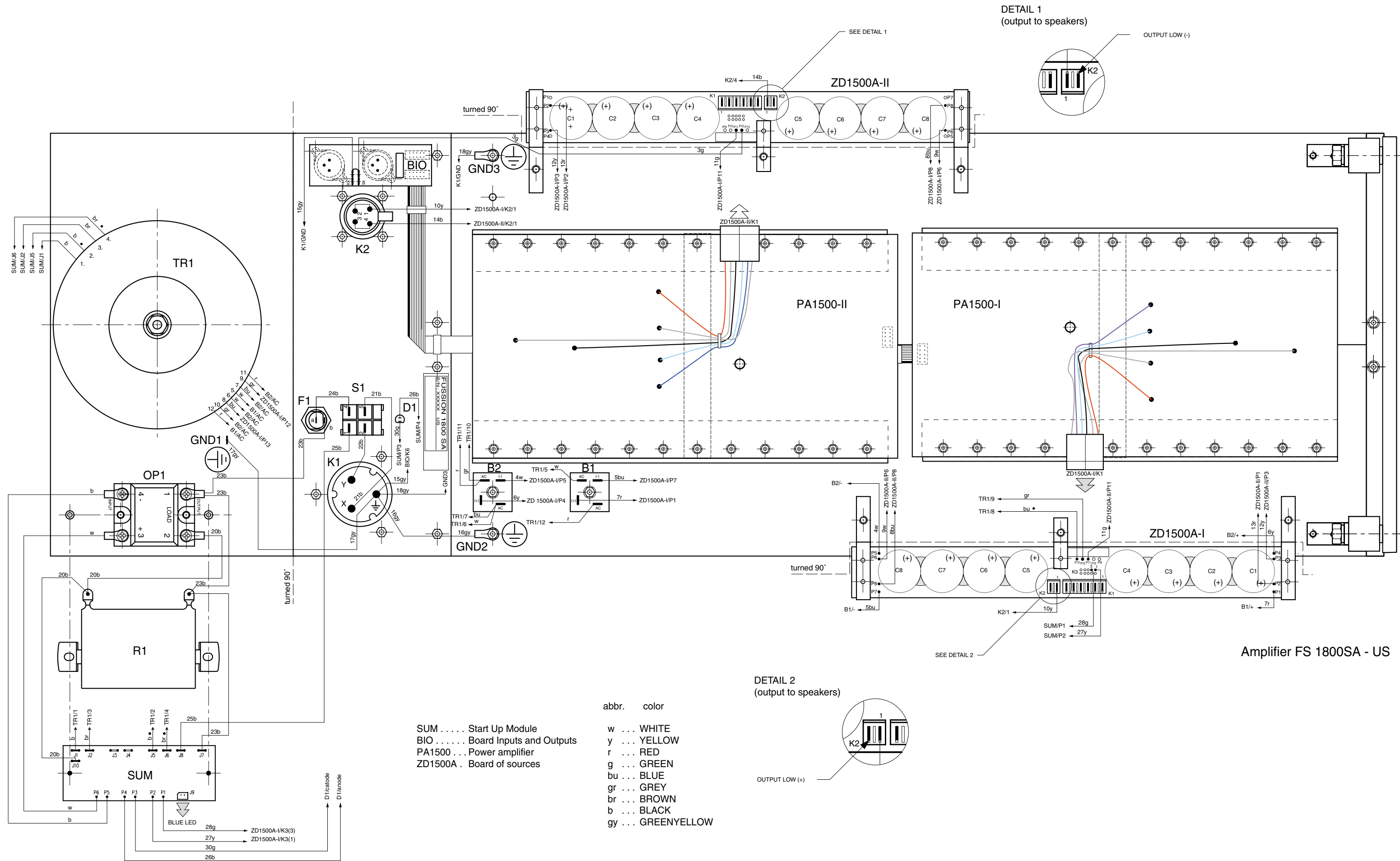


FUSE VALUE CHART

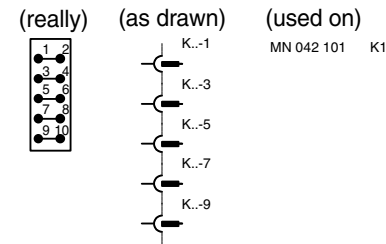
DWG. NO.	MAINS	F1
MP 042 001	115V	16A T
MP 042 003	230V	10A T

(Wiring shown for 230VAC model)

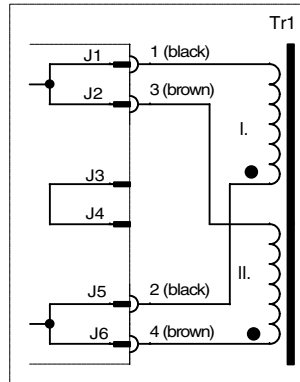




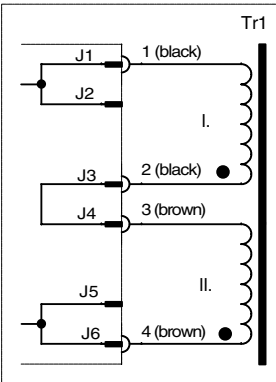
PFL10 Connectors:



MP 042 002
115VAC
50-60Hz



MP 042 004
230VAC
50-60Hz



FUSE VALUE CHART

DWG. NO.	MAINS	F1
MP 042 002	115V	16A T
MP 042 004	230V	10A T

